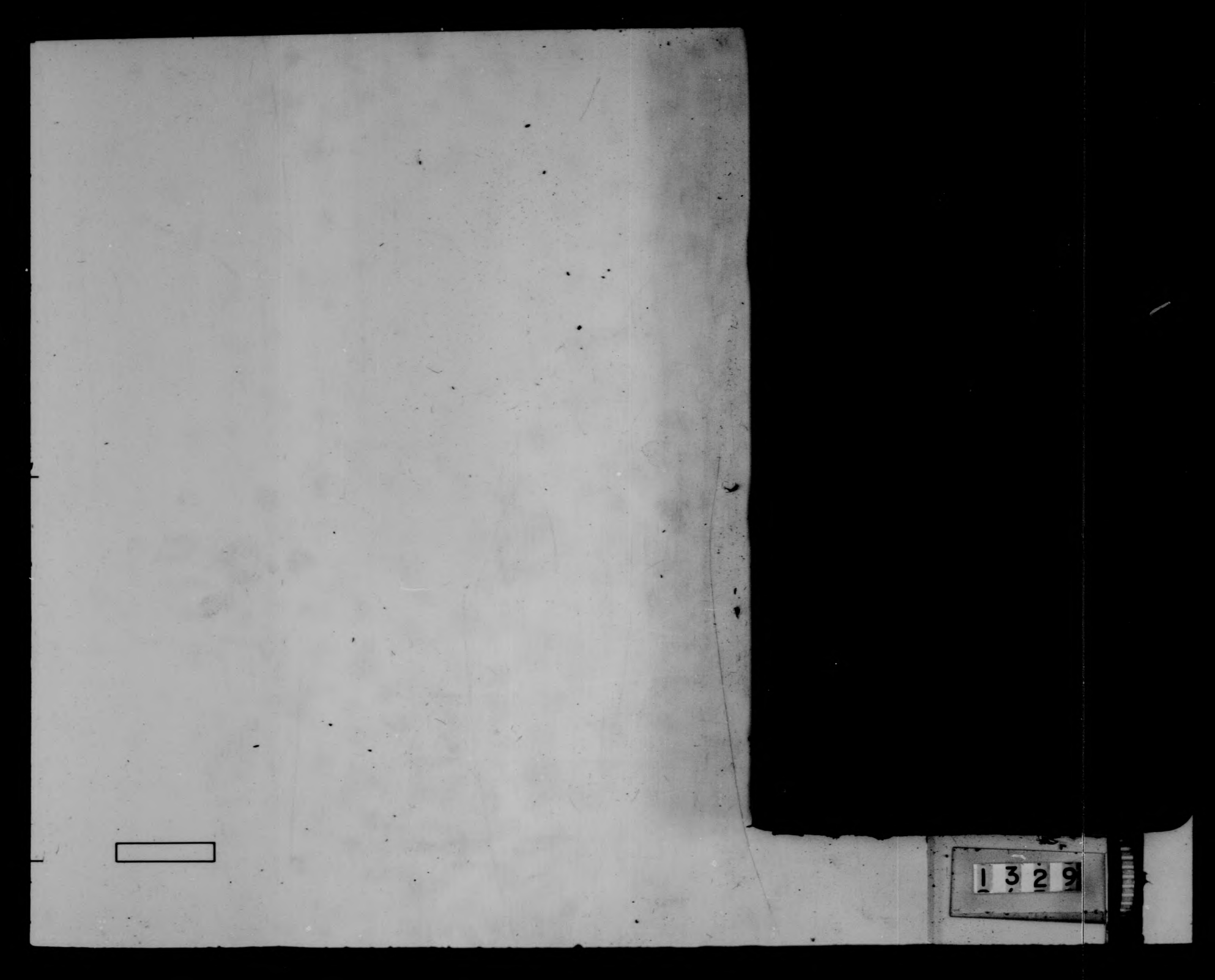

1329

INDEX.

Original Cross Section notes for 200 x 50 ft. 360° Bgns. & Tomb.
Hertz Wrecking Road
Cross Section Notes for Topography
Cross Section Notes for Topography

1330

Sta.	Ground	Grade		L.	C.	R.
				-15.2 -15.7 -15.3 -15.6 -15.3		
+50	14.5	29.679		44.8 9. 9. 32.0		
				-15.1 -15.2 -15.2 -15.1 -15.1		
211	14.7	29.686		44.6 9. 9. 31.6		
			13' Centers	-15.2 -15.3 -15.1 -15.2 -14.9		
+50	14.5	29.693		44.8 9 9. 31.4		
			Tight	-15.5 -15.5 -15.4 -15.1 -14.8		
210	14.3	29.700		45.2 9. 9. 31.2		
				-15.4 -15.7 -15.8 -15.6 -15.3		
+50	14.1	29.707	Siding on	45.1 9. 9. 32.0		
				-15.4 15.6 -15.7 15.7 -15.6		
209	14.0	29.714		45.1 9. 9. 32.4		
				-15.1 -15.6 -15.6 -15.4 -15.6		
208+50	14.0	29.721		44.6 9. 9. 32.4		

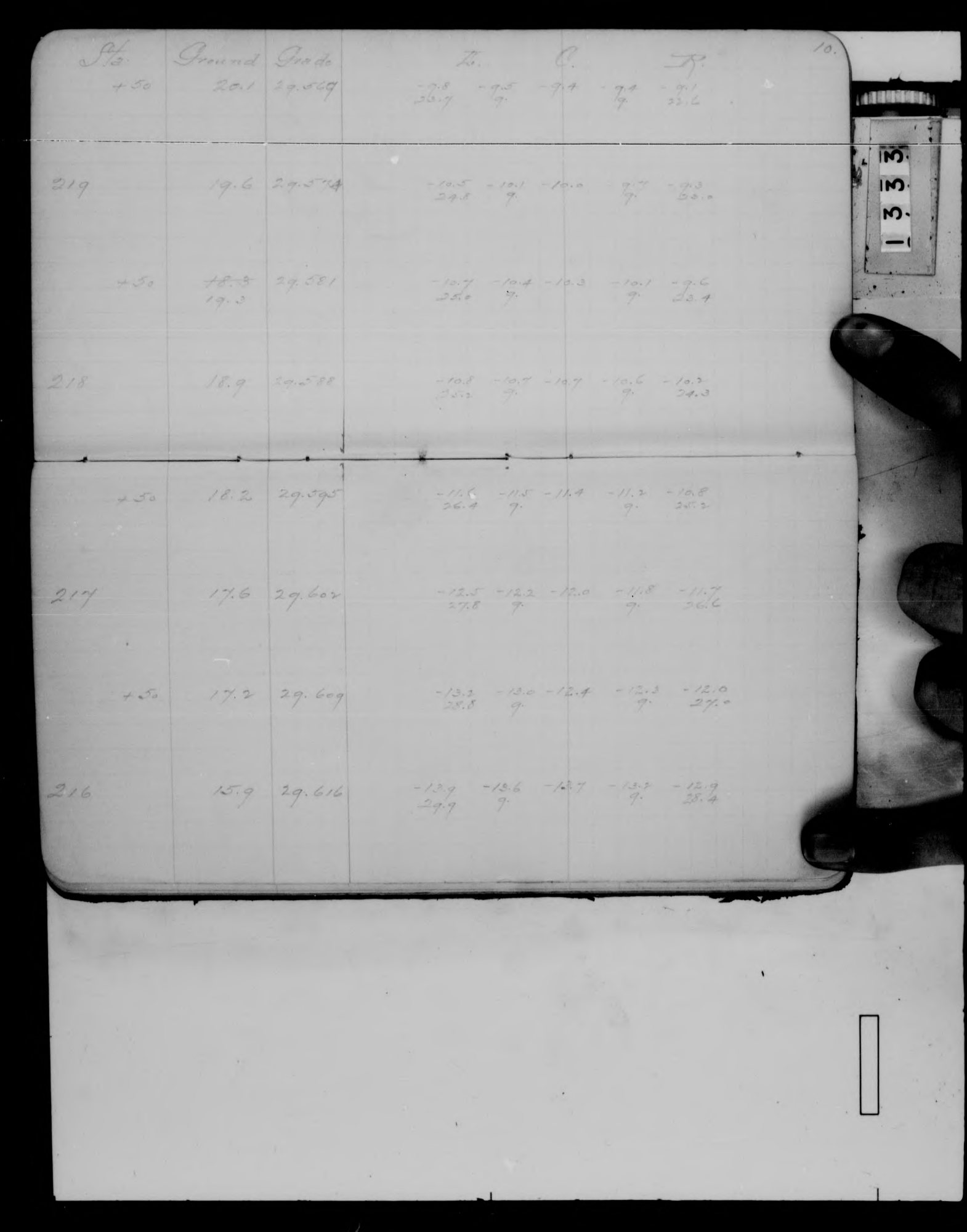
Continued from Cross Section Book Sta 0 to Sta 208, page 70

1331

Sta.	Ground	Grade		L.	C		R.	
+50	15.7	29.623		-14.7 31.0	-14.6 9.	-14.4	-14.3 9.	-13.8 29.7
215 +09 EB.	14.6	29.629		-15.0 31.5	-14.9 9.	-15.0	-14.8 9.	-14.4 30.0
			74' Opening	-15.1 31.6	-15.1 9.	-15.1	-15.1 9.	-15.1 31.6
+35 EB.	14.5	29.639						
214 H.B 16 Siding on left.	14.8	29.644		-15.1 31.6	-15.0 9.	-14.8	-15.1 9.	-15.3 32.0
+50	14.5	29.651	11.5 R.B on left	-15.3 34.5	-15.0 9.	-15.2	-15.3 9.	-15.3 32.0
213	14.3	29.658	16' R.B on left	-15.2 38.8	-15.3 9.	-15.4	-15.3 9.	-14.9 31.4
+50	14.3	29.665	20.5 R.B on left	-15.1 44.6	-15.4 9	-15.5	-15.4 9.	-15.4 32.1
212	14.4	29.672	22' R.B on left	-14.9 44.4	-15.5 9.	-15.5	-15.3 9	-15.4 32.1

13321

Sta.	Ground	Grade	L.	C.	K.
+50	20.1	29.569	-9.8 -9.5 -9.4 -9.4 -9.1 26.7 9. 9. 32.6		
219	19.6	29.554	-10.5 -10.1 -10.0 -9.7 -9.3 24.8 9. 9. 33.0		
+50	~~18.3~~ 19.3	29.581	-10.7 -10.4 -10.3 -10.1 -9.6 25.0 9. 9. 23.4		
218	18.9	29.588	-10.8 -10.7 -10.7 -10.6 -10.2 25.2 9. 9. 24.3		
+50	18.2	29.595	-11.6 -11.5 -11.4 -11.2 -10.8 26.4 9. 9. 25.2		
217	17.6	29.602	-12.5 -12.2 -12.0 -11.8 -11.7 27.8 9. 9. 26.6		
+50	17.2	29.609	-13.2 -13.0 -12.7 -12.3 -12.0 28.8 9. 9. 27.0		
216	15.9	29.616	-13.9 -13.6 -13.7 -13.2 -12.9 29.9 9. 9. 28.4		



Sta.	Ground	Grade	L.	C.	R.	
+50	13.7	29.511	-16.3 33.4	-16.4 9.	-16.3	-16.4 9. -16.4 33.2
223	14.0	29.518	-15.7 31.8	-15.4 9.	-15.5	-15.7 9. -15.8 33.7
+50	15.1	29.525	-14.5 30.8	-14.6 9.	-14.4	-14.5 9. -14.6 30.9
222	16.3	29.537	-13.2 29.0	-13.2 9.	-13.2	-13.0 9. -13.1 28.8
+50	18.2	29.539	-11.5 26.2	-11.4 9.	-11.3	-11.2 9. -11.3 26.0
221+10 221+00 } Head Cor Berth.						
221	19.5	29.546	-10.2 34.6	-10.1 9.	-10.0	-9.8 9. -9.7 32.6
+50	20.2	29.553	-9.8 23.7	-9.6 9.	-9.3	-9.7 9. -9.1 22.6

BM 20.994 on plug 38' Rt of Sta 220.

220	20.5	29.560	-9.7 22.6	-9.2 9.	-9.1	-9.0 9. -8.9 22.4

1334

Sta.	Ground	Grade	L	C	R
227	12.0	29.462	-17.8 35.7	-17.7 9.	-17.5 9.	-17.3 35.0
+50	12.2	29.469	-17.3 35.0	-17.5 9.	-17.3 9.	-17.2 34.5
226	12.1	29.476	-17.2 34.8	-17.2 9.	-17.3 9.	-17.2 34.8
+50	12.8	29.483	-16.7 34.0	-17.2 9.	-16.7 9.	-16.8 9.	-16.9 34.4
225	12.7	29.490	-16.7 34.0	-16.7 9.	-16.8 9.	-16.9 9.	-16.8 34.2
+50	12.7	29.497	-16.5 33.8	-16.7 9.	-16.8 9.	-16.5 9.	-16.6 32.9
224	13.0	29.504	-16.5 33.8	-16.4 9.	-16.5 9.	-16.3 9.	-16.4 33.6

1335

Sta.	Ground	Rods	I.	II.	III.
231	8.4	29.406			
			-20.6 -20.7 -20.6 Toe of Slope		
+ 50.	8.9	29.413	-20.3 -20.3		
+ 28 EB.			-20.2 39.3 -19.9 9. -20.3 -19.7 9. -20.0 39.0		
230	9.5	29.420	-19.9 38.9 -19.9 9. -19.9 -20.0 9. -19.7 38.6		
+ 50	10.1	29.427	-19.4 38.1 -19.3 9. -19.3 -19.1 9. -19.7 37.8		
229	10.6	29.434	-18.9 37.4 -18.8 9. -18.8 -18.6 9. -18.6 36.9		
+ 50	11.1	29.441	-18.3 36.4 -18.3 9. -18.3 -18.1 9. -17.6 35.4		
BM. 13.782. in Fence 225' L of 228 on plug.					
228	11.5	29.448	-18.1 36.2 -18.2 9. -18.0 -18.2 9. -17.5 35.2		
+ 50	11.8	29.455	-18.1 36.2 -17.7 9. -17.7 -17.8 9. -17.4 35.1		

13361

SR. No.	Ground Level	Depth
2330	39.350	
1.50	39.354	6.7
2.34	39.364	6.2
1.50	39.371	6.7
2.33	39.378	6.9
1.50	39.381	7.1
2332	39.392	7.5
1.50	39.399	7.6

1337

Sta.	Ground	Grade	Tu.	C	R.	
239	9.2	29.294	-19.0 -19.3 -19.9 -20.0 -20.7			N.W. abt 1st of Elbros H.W. Mar21/07. El. 13.1
			37.5 9.		9. 40.0	H.W. Mar28/07 El. 13.9
+50	8.8	29.301				
238	7.5	29.308				
+50	7.2	29.315				
237	6.3	29.322				
+50	5.8	29.329				
236	5.8	29.336				
+50	5.4	29.343				

1383

Sta.	Ground	Grade	Tr.	Q.	R.
243	10.9	29.238	-17.7 35.6 -18.0 9.	-18.1	-18.1 9. -18.5 36.8
+50	11.3	29.245	-17.3 35.0 -17.5 9.	-17.7	-17.7 9. -17.6 35.4
242	11.5	29.252	-17.3 35.0 -17.4 9.	-17.7	-17.6 9. -17.6 35.4
+50	11.2	29.259	-17.8 35.7 -17.9 9.	-18.0	-17.8 9. -17.5 35.3

- 0.014

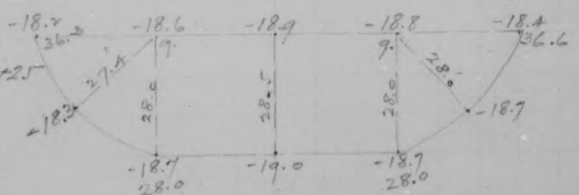
241	10.3	29.766	-18.1 36.2	-18.5	-18.8	-18.8 9. -17.8 35.7
+50	10.6	29.773	-18.1 36.2	-18.4 9.	-18.5	-18.5 9. -18.4 36.0

240 +17. EB. 10.0 29.778

BM. El: 12.950. plug 50' Rt of 240+25 near fence

B.M 27.687 on Nail West End of last Cap in Bridge

+50 10.2 29.787



13396

Sta:	Ground	Grade	L.	C	R.
247	10.7	29.182	-17.4 -18.2 -18.3 -18.4 -18.8 35.1 9. 37.2		
+50	10.3	29.189	-17.9 -18.5 -18.7 -18.6 -19.2 35.9 9. 37.8		
246	10.0	29.196	-18.4 -19.0 -19.0 -19.2 -19.4 36.6 9. 38.1		
+50	9.8	29.203	-18.6 -19.0 -19.2 -19.3 -19.5 36.9 9. 38.2		
245	10.1	29.210	-18.5 -19.0 -19.1 -19.1 -19.4 36.8 9. 38.1		
+50	10.0	29.217	-18.5 -19.0 -19.2 -19.2 -19.4 36.8 9. 38.1		
244	10.4	29.224	-18.2 -18.5 -18.8 -18.6 -19.2 36.3 9. 38.0		
+50	10.5	29.231	-18.1 -18.4 -18.6 -18.3 -18.7 36.2 9. 37.0		

1340

Sta.	Ground	Grade		L.	C.	R.
+50	11.0	29.133		-17.4 -17.9 -18.1 -18.2 -18.0 35.1 9. 9. 36.0		
250	10.7	29.140		-17.5 -18.0 -18.1 -18.3 -18.2 35.2 9. 9. 36.3		
+50	10.7	29.147	0.014	-17.6 -18.2 -18.4 -18.4 -18.5 35.4 9. 9. 36.8		
249	10.6	29.154		-17.7 -18.2 -18.3 -18.5 -18.6 35.6 9. 9. 36.9		
+50	10.6	29.161		-17.7 -18.2 -18.2 -18.2 -18.5 35.6 9. 9. 36.8		
248	11.2	29.168		-17.1 -17.6 -17.8 -18.0 -18.3 34.6 9. 9. 36.4		
+50	11.1	29.175		-17.2 -17.6 -17.8 -18.1 -18.5 34.8 9. 9. 36.8		

1341

Sta.		Ground	Grade	L.	C.	R.
	+50	16.8	29.077	-12.5 -13.5 -12.2 -12.1 -11.7 28.2 9. 36.6		
254	+17 EB	15.1	29.082	-13.6 -12.9 -13.9 -14.2 -13.9 29.4 28.8 28.4 -13.7 -13.7 -13.7 -13.6 -12.5		
			-14 opening			
253	+43 EB	15.0	29.092	-14.7 -14.9 -14.7 -14.5 -14.1 -15.0 -14.5 -14.1 -14.2 -14.4 31.5 9. 9. 30.6		
253		12.7	29.098	-15.8 -16.1 -16.3 -16.5 -16.1 32.7 9. 9. 33.2		
	+50	11.9	29.105	-16.5 -17.0 -16.9 -17.0 -17.0 33.8 9. 9. 34.5		
252		11.7	29.117	-16.8 -17.2 -17.2 -17.3 -17.1 34.2 9. 9. 35.1		
	+50	11.4	29.119	-17.2 -17.6 -17.7 -17.8 -17.6 34.8 9. 9. 35.4		
251		11.3	29.126	-17.4 -17.6 -17.6 -17.8 -17.8 35.1 9. 9. 35.7		

13421

Sta.	Ground	Grade	Lt.	Ct.	Rt.
+50	17.2	29.071	-11.1 25.6	-11.5 9.	-11.8 -11.7 9. -11.5 26.2
258	18.4	29.028	-10.6 24.9	-10.7 9.	-10.6 -10.2 9. -10.9 25.4
+50	18.4	29.035	-10.7 25.0	-10.5 9.	-10.6 -10.9 9. -10.9 25.4
257	19.0	29.042	-10.2 24.3	-10.0 9.	-10.0 -10.3 9. -10.5 24.8
+50	19.0	29.049	-10.2 24.3	-9.9 9.	-10.0 -10.0 9. -10.1 24.2
256+10 256+00	Hand Car Berth.				
256	19.6	29.056	-10.0 24.0	-9.7 9.	-9.2 -9.9 -9.6 23.4
+50	18.9	29.063	-10.3 24.4	-10.1 9.	-10.2 -10.2 9. -9.8 23.7
255	17.7	29.070	-11.9 26.9	-11.4 9.	-11.4 -11.0 9. -10.8 25.2

1343

Sta.	Ground	Grade	L.	C.	R.	
+50	17.3	28.965	-11.5 25.2	-11.6 9.	-11.7	-11.7 9. -11.9 26.9
262+15 EB	18.2	28.970	-10.8 25.2	-10.8 -10.8 -10.8	-10.8 9. -10.8	-10.9 25.4
261+41 EB.	18.5	28.980	-10.4 24.6	-10.7 9. -10.7 -10.5	-10.6 9. -10.6	-10.6 24.9
261	18.3	28.986	-10.6 24.9	-10.6 9. -10.7	-10.6 9.	-10.7 25.0
+50	17.8	28.993	-11.0 25.5	-11.1 9. -11.2	-11.0 9.	-11.0 25.5
260	17.9	29.000	-11.1 25.6	-11.1 9. -11.1	-11.0 9.	-10.9 25.4
+50	17.8	29.007	-10.9 25.4	-11.1 9. -11.2	-11.0 9.	-10.9 25.4
259	17.7	29.014	-11.0 25.5	-11.2 9. -11.3	-11.2 9.	-11.0 25.5

BM. El: 19.390 Plug at France Co L. of Sta. 259

74 foot Opening

1344

Sta.	Ground	Grade	L.	C	R.
+50	14.3	28.909	-14.3 -14.5 30.4 9.	-14.6	-14.5 -14.4 9. 30.6
266	14.4	28.916	-14.4 -14.5 30.6 9.	-14.5	-14.4 -14.4 9. 30.6
+50	14.4	28.923	-14.2 -14.4 30.3 9.	-14.5	-14.3 -14.4 9. 30.6
265	14.6	28.930	-14.2 -14.4 30.3 9.	-14.3	-14.3 -14.1 9. 30.2

T.R 15.817 on peg near fence 50' Tn of 265+40

0.014

+50	14.8	28.937	-14.2 -14.2 30.3 9.	-14.1	-14.1 -14.0 9. 30.0
264	15.0	28.944	-13.8 -14.1 29.7 9.	-13.9	-14.1 -13.8 9. 29.7
+50	15.4	28.951	-13.0 -13.5 28.5 9.	-13.5	-13.5 -13.5 9. 29.2
263	16.5	28.958	-12.3 -12.5 27.4 9.	-12.5	-12.5 -12.5 9. 27.8

1345

Sta.	Ground	Grade		Ta.	C.	K.		
+50	14.2	28.853		-14.3 30.3	-14.7 9.	-14.7	-14.8 9.	-14.7 31.6
270	14.2	28.860	-0.014	-14.0 30.0	-14.6 9.	-14.7	-14.7 9.	-14.7 31.0
+50	14.4	28.867		-14.1 30.2	-14.5 9.	-14.5	-14.6 9.	-14.6 30.9
269	14.3	28.874		-14.2 30.3	-14.5 9.	-14.6	-14.7 9.	-14.6 30.9
+50	14.3	28.881		-14.1 30.2	-14.6 9.	-14.6	-14.6 9.	-14.6 30.9
268	14.3	28.888		-14.2 30.3	-14.5 9.	-14.6	-14.5 9.	-14.6 30.9
+50	14.2	28.895		-14.3 30.4	-14.5 9.	-14.7	-14.6 9.	-14.6 30.9
267	14.2	28.902		-14.3 30.4	-14.6 9.	-14.7	-14.5 9.	-14.7 31.0

1346

Sta.	Ground	Grade		L.	C.	R.		
+50	14.4	28.797		-14.5 30.8	-14.4 9.	-14.4	-14.4 9.	-14.3 30.4
274	14.4	28.804		-14.5 30.8	-14.5 9.	-14.4	-14.4 9.	-14.4 30.6
			-0.014					
+50	14.2	28.811		-14.5 30.6	-14.6 9.	-14.6	-14.5 9.	-14.5 30.8
273	14.0	28.818		-15.0 31.5	-14.7 9.	-14.8	-14.6 9.	-14.7 31.0
+50	13.6	28.825		-15.1 31.6	-15.3 9.	-15.2	-14.8 9.	-14.7 31.0
272	13.5	28.832		-14.8 31.2	-15.2 9.	-15.3	-15.3 9.	-15.2 31.8
+50	13.9	28.839		-14.5 30.8	-14.9 9.	-14.9	-15.0 9.	-15.2 31.8
271	14.0	28.846		-14.5 30.8	-14.8 9.	-14.8	-14.8 9.	-14.8 31.2

1347

Sta.	Ground	Grad.	L.	C.	R.
+50	13.8	28.741	-14.6 30.9	-14.9 9.	-14.7 9. -14.3 30.4
278	14.0	28.748	-14.6 30.9	-14.6 9.	-14.7 -14.6 9. -14.5 30.8
+50	14.2	28.755	-14.6 30.9	-14.6 9.	-14.5 -14.2 9. -14.2 30.3
277	14.4	28.762	-14.5 30.8	-14.5 9.	-14.4 -14.4 9. -14.3 30.4

Elev. El: 15.610 on Plug 50 Ft. of Sta. 277?

+50	14.4	28.769	-14.4 30.6	-14.4 9.	-14.4 -14.4 9. -14.3 30.4
276	14.5	28.776	-14.3 30.4	-14.4 9.	-14.2 -14.3 9. -14.2 30.3
+50	14.4	28.783	-14.2 30.3	-14.4 9.	-14.4 -14.3 9. -14.3 30.4
275	14.5	28.790	-14.2 30.3	-14.2 9.	-14.3 -14.3 9. -14.3 30.4

1348

Sta.	Ground	Grade	L.	C	R.
+50	13.0	28.685	-15.3 31.0 -15.6 9.	-15.7	-15.7 9. -15.5 32.2
282	13.3	28.694	-15.0 31.5 -15.4 9.	-15.3	-15.4 9. -15.5 32.2
+50	13.4	28.699	-14.9 31.4 -15.3 9.	-15.3	-15.4 9. -15.3 32.0
281	13.4	28.706	-15.0 31.5 -15.3 9.	-15.3	-15.5 9. -15.3 32.0
+50	13.5	28.713	-15.1 31.6 -15.2 9.	-15.2	-15.3 9. -15.2 31.8
280	13.3	28.720	-15.0 31.5 -15.2 9.	-15.4	-15.3 9. -15.2 31.8
279+75 279+65 } Hand Co. Bath.					
+50	13.7	28.727	-15.0 31.5 -15.0 9.	-15.0	-14.9 9. -14.9 31.4
279	13.8	28.734	-14.8 31.2 -15.0 9.	-14.9	-14.9 9. -14.7 31.0

-0.014

1349

| Ch. | Ground | Grade | | |

Sta.	Ground	Grade	L.	C.	R.	
290	13.7	28.580	-15.3 32.0	-15.1 9.	-14.9	-15.0 9. -14.9 31.4
+50	13.4	28.587	-15.6 32.4	-15.2 9.	-15.2	-15.1 9. -15.0 31.5
289	13.3	28.594	-15.6 32.4	-15.4 9.	-15.2	-15.1 9 -14.9 31.4

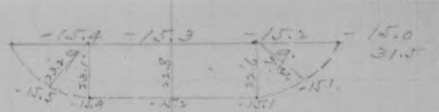
BM. El. 13.269. on plug 56' left of Sta. 289.

288+83.5 EC. 13.2

BM 26.775 on Cap Bent 6.

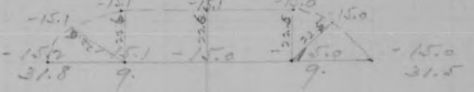
+50	13.1	28.601	-15.7 32.6	-15.8 9.	-15.5	-15.4 9. -15.2 31.8

288+08 EB. 13.3 28.607



74' Opening.

+34 EB 13.6 28.617



287	13.6	28.622	-15.0 31.5	-15.0 9.	-15.0	-14.9 9 -14.8 31.2
+50	13.8	28.629	-15.0 31.5	-15.0 9.	-14.8	-14.8 9. -14.8 31.2

1351

Sta.	Ground	Grade	L.	C.	R.	
294	12.8	28.524	-16.0 33.0	-15.9 9.	-15.8	-15.6 9.	-15.2 31.8
+50	12.7	28.531	-16.1 33.2	-15.8 9.	-15.9	-15.9 9.	-15.5 32.2
293	12.6	28.538	-16.0 33.0	-16.0 9.	-16.0	-16.2 9.	-15.8 32.7
+50	12.7	28.545	-15.9 32.9	-16.0 9.	-15.9	-15.9 9.	-15.4 32.1
292	13.4	28.552	-15.4 32.1	-15.2 9.	-15.1	-15.0 9.	-14.8 31.2
+50	13.9	28.559	-14.9 31.4	-14.7 9.	-14.8	-14.7 9.	-14.5 30.8
291	14.1	28.566	-14.7 31.0	-14.6 9.	-14.5	-14.5 9.	-14.6 30.9
+50	13.8	28.573	-15.0 31.5	-14.9 9.	-14.9	-14.8 9.	-14.7 31.0

1352

Sta.	Ground	Grade	Lt.	C.	Rt.	
BM. El. 12.842.		on plug at Fence 50' Lt. of Sta 298				
298	12.5	28.468	-16.1 32.2	-15.9 9.	-16.0	-15.7 9.	-15.4 32.1
+50	12.9	28.475	-15.6 32.4	-15.3 9.	-15.5	-15.3 9.	-14.8 31.2
297	12.5	28.482	-15.8 31.7	-15.8 9.	-15.9	-15.6 9.	-15.1 31.6
+50	13.0	28.489	-15.8 32.7	-15.4 9.	-15.4	-15.4 9.	-15.0 31.5
296	12.8	28.496	-16.0 33.0	-15.9 9.	-15.6	-15.6 9.	-15.2 31.8
+50	12.8	28.503	-16.0 33.0	-15.9 9.	-15.7	-15.6 9.	-15.2 31.8
295	12.8	28.510	-15.8 32.7	-15.7 9.	-15.7	-15.7 9.	-15.2 31.8
+50	12.8	28.517	-15.8 32.7	-15.7 9.	-15.7	-15.7 9.	-15.3 32.0

1353

Sta.	Ground	Grade	To	C.	R	
302	11.4	28.412	-16.9 34.4	-17.0 9.	-17.1	-17.0 9.	-16.7 34.0
+50	11.2	28.419	-17.0 34.5	-17.0 9.	-17.3	-17.2 9.	-16.8 34.2
301	11.4	28.426	-16.6 33.9	-16.9 9.	-17.1	-16.9 9.	-16.7 34.0
301 301+10	} Rond cor Both.						
+50	11.4	28.433	-16.6 33.9	-16.8 9.	-17.2	-17.0 9.	-16.7 34.0
300	11.7	28.440	-16.6 33.9	-16.7 9.	-16.8	-16.7 9.	-16.5 33.8
+50	11.7	28.447	-16.4 33.6	-16.8 9.	-16.8	-16.5 9.	-16.1 33.2
299	11.9	28.454	-16.4 33.6	-16.8 9.	-16.7	-16.4 9	-16.2 33.3
+50	12.2	28.461	-16.2 33.3	-16.4 9.	-16.3	-16.3 9.	-15.7 32.6

1354

Sta.	Ground	Grade	To.	C.	R	
306	10.2	28.356	-17.6 35.4	-18.1 9.	-18.2	-17.8 9.	-17.4 35.1
+50	10.8	28.363	-17.1 34.6	-17.5 9.	-17.5	-17.5 9.	-17.0 34.5
305	10.7	28.370	-17.2 34.8	-17.5 9.	-17.6	-17.4 9.	-16.7 34.0
+50	10.9	28.377	-17.2 34.8	-17.4 9.	-17.4	-17.4 9.	-16.9 34.4
304	10.9	28.384	-17.3 35.0	-17.4 9.	-17.5	-17.5 9.	-17.0 34.5
+50	11.0	28.391	-17.2 34.8	-17.3 9.	-17.5	-17.3 9.	-16.9 34.4
303	11.1	28.398	-17.1 34.6	-17.0 9.	-17.3	-17.2 9.	-16.7 34.0
+50	11.4	28.405	-17.1 34.6	-16.7 9.	-17.0	-17.0 9.	-16.3 33.4

1355

Sta.	Ground	Grade	L.	C.	R.	
310	12.5	28.300	-15.7 32.6	-15.6 9.	-15.6	-15.6 9.
						-15.6 32.4
+30	12.2	28.304	-16.2 33.3	-16.1 9.	-16.0	-16.1 9.
						-16.1 33.2
309	11.7	28.314	-16.7 34.0	-16.8 9.	-16.6	-16.6 9.
						-16.5 33.8
+50	10.9	28.321	-17.3 35.0	-17.4 9.	-17.4	-17.2 9.
						-17.0 34.5
308	10.6	28.328	-17.5 35.2	-17.6 9.	-17.6	-17.6 9.
						-17.3 35.0
+50	11.0	28.335	-17.6 35.4	-17.1 9.	-17.3	-17.3 9.
						-17.3 35.0
307	10.0	28.342	-17.7 35.6	-18.2 9.	-18.3	-18.2 9.
						-18.1 36.2
+50	10.2	28.349	-17.9 35.9	-18.3 9	-18.2	-17.9 9.
						-17.7 35.6

1356

Sta.	Ground	Grade	To.	Q.	P
313	12.6	28.358	-15.4 32.1	-15.7 9.	-15.7 -15.4 9. -15.3 32.0
T.P 32.37					
+50	12.7	28.365	-15.7 32.6	-15.6 9.	-15.6 -15.5 9 -15.4 32.1
312	12.6	28.272	-15.8 32.7	-15.5 9.	-15.5 -15.5 9. -15.5 32.2
+50	12.8	28.279	-15.6 32.4	-16.0 9.	-15.7 -15.5 9. -15.5 32.2
311	12.7	28.386	-15.7 32.6	-15.6 9.	-15.6 -15.5 9. -15.4 32.1
B.M. El. 12.856. on plug 50' left of Sta. 311 - new Line					
+50	12.7	28.292	-15.7 32.6	-15.6 9.	-15.6 -15.6 9. -15.6 32.4

13571

Sta.	Ground	Grade	Z.	C.	R	
316	11.9	28.216	-16.6 33.9	-16.3 9.	-16.3	-16.3 9. -16.0 32.8
+50	11.9	28.223	-16.6 33.9	-16.3 9.	-16.3	-16.3 9. -16.3 33.5
315	11.8	28.230	-16.1 33.2	-16.2 9.	-16.2	-16.3 9. -16.1 33.2
+61	EB.					
+50	12.7	28.237	-15.5 32.2	-15.6 9.	-15.5	-15.5 9. -15.7 32.6
+44			-15.7 32.6	-15.4 9.	-15.6	-15.3 9. -15.1 31.6
+33			-17.0 34.5	-17.1 9.	-17.1	-17.1 9. -17.1 34.6
+13			-15.2 31.8	-15.3 9.	-15.2	-15.2 31.8 -15.2 31.8 & Co. Road
314	12.3	28.244	-15.7 32.6	-15.9 9.	-15.8	-15.9 9. -15.7 32.6
+65	EB.					
+50	12.9	28.251	-17.9 35.9	-15.2 22.	-15.1 9.	-15.4 9. -15.2 31.8

1358

Sta.	Ground	Grade	Cut	Fill
320	12.3	28.160	-15.9 33.9	-15.8 9.
			-16.2 33.3	-16.1 9.
+50	12.1	28.167	-16.2 33.3	-16.1 9.
			-16.0 33.0	-15.9 9.
319	12.0	28.174	-16.0 33.0	-15.9 9.
			-16.2 33.3	-16.1 9.
+50	11.7	28.181	-16.2 33.3	-16.1 9.
			-16.2 33.4	-16.1 9.
318	11.8	28.188	-16.2 33.4	-16.1 9.
			-16.2 33.3	-16.1 9.
+50	11.8	28.195	-16.2 33.4	-16.1 9.
			-16.1 33.2	-16.0 9.
317	12.0	28.202	-16.2 33.3	-16.1 9.
			-16.1 33.0	-16.0 9.
+50	12.0	28.209	-16.2 33.4	-16.1 9.
			-16.1 33.2	-16.0 9.

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1359

Sta.	Ground	Grade	To.	C	R	
324	12.7	28.104	-15.7 32.6	-15.5 9.	-15.4	-15.6 9.	-15.5 32.2
323+60 323+50	Head Car Berth					
+50	13.0	28.111	-15.0 31.5	-15.0 9.	-15.1	-15.0 9.	-15.0 31.5
323	13.2	28.118	-15.1 31.6	-14.8 9.	-14.8	-14.8 9.	-14.8 31.2
+50	13.3	28.175	-15.0 31.5	-14.8 9.	-14.8	-14.7 9.	-14.8 31.2
322	13.1	28.132	-15.3 32.0	-15.1 9.	-15.0	-15.1 9.	-15.1 31.6
+50	12.8	28.139	-15.2 31.8	-15.2 9.	-15.3	-15.1 9.	-15.2 31.8
321	12.8	28.146	-15.3 32.0	-15.3 9.	-15.4	-15.4 9.	-15.4 32.1
+50	12.7	28.153	-15.5 32.2	-15.5 9.	-15.5	-15.5 9.	-15.6 32.4

1360

Sta:	Ground	Grade	L.	C.	R.	
328	11.1	28.048	-16.7 34.0	-16.8 9.	-16.9	-16.9 9.
						-17.1 34.6
+50	11.6	28.055	-16.7 33.3	-16.3 9.	-16.4	-16.6 9.
						-16.8 34.2
327	11.9	28.062	-15.9 32.9	-16.0 9.	-16.1	-16.1 9.
						-16.4 33.6
+50	12.2	28.069	-15.9 32.9	-15.8 9.	-15.9	-15.9 9.
						-16.1 33.2
326	12.1	28.076	-16.1 33.2	-15.9 9.	-16.0	-16.0 9.
						-16.1 33.2
+50	12.2	28.083	-16.0 33.0	-15.9 9.	-15.9	-15.9 9.
						-16.0 33.0
325	12.5	28.090	-15.9 32.9	-15.6 9.	-15.6	-15.6 9
						-15.9 32.9
+50	12.4	28.097	-15.8 32.7	-15.7 9.	-15.6	-15.7 9.
						-15.7 32.6

13611

Sta.	Ground	Grade	F.	C.	R.
+50	4.6	27.999			

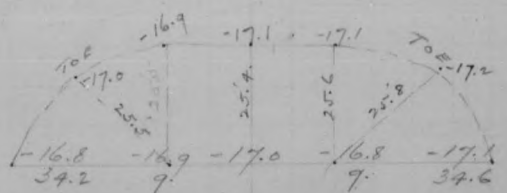
H.W. Elolz Slough
Mar 21/07 El. 13.2
H.W. Mar 25/07 El: 14.00

331	6.6	28.006			
+50	07.9	28.013			

BM. ~~El 8.870~~ on Stump 90' R of 330 near Small Oak Tree. (Destroyed)
BM Elev. 9.704 on nail in Root of Same Oak Tree

330	8.8	28.020			
+50	9.6	28.027			
329	10.3	28.034			

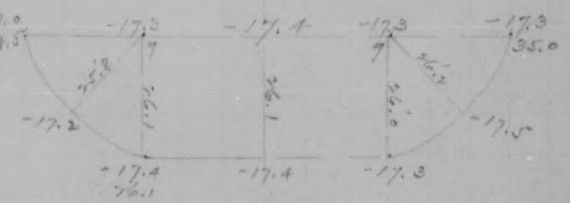
328 + 08 EB.



Sta.	Ground	Grade	Fo.	C.	R.
334	10.1	27.964			
+50	9.4	27.971			
333	7.9	27.978			
+50	6.4	27.985			
332	6.0	27.992			

13633

Sta.	Ground	Grade	L.	C.	R.
+50	10.9	27.915	-16.8 34.2	-17.0 9.	-17.0 9.	-17.0 9.	-16.9 34.4
337	10.7	27.922	-16.8 34.2	-17.0 9.	-17.1 9.	-16.9 9.	-16.9 34.4
+50	10.8	27.929	-16.6 33.9	-16.9 9.	-17.1 9.	-17.0 9.	-17.1 34.6
336	10.8	27.936	-16.9 34.4	-17.1 9.	-17.2 9.	-17.1 9.	-17.3 35.0
BM. El. 11.625. on slug 40 Lt. of 336+50. new ground Post.							
335 +57	EB	27.942	-17.0 34.5	-17.3 9.	-17.4 9.	-17.3 9.	-17.3 35.0
335	10.5	27.950					
+50	10.1	27.957					



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13641

Sta.	Ground	Grade	L.	C.	R.
+50	13.1	27.859	-14.6 30.9 -15.0 9.	-15.0	-15.1 9. -15.2 31.8
BM. 12.435	on plug 150' R' of 341+25.				
341	12.9	27.866	-14.5 30.8 -15.3 9.	-15.4	-15.1 9. -15.4 32.1
+50	12.8	27.873	-14.5 30.8 -14.9 9.	-15.2	-15.3 9. -15.8 32.7
340	12.5	27.880	-15.0 31.8 -15.2 9.	-15.4	-15.4 9. -15.7 32.6
+50	12.1	27.887	-15.5 32.2 -15.6 9.	-15.8	-15.8 9. -16.0 33.0
339	11.4	27.894	-16.2 33.3 -16.3 9.	-16.5	-16.4 9. -16.3 33.4
+50	11.1	27.901	-16.6 33.9 -16.5 9.	-16.6	-16.5 9. -16.6 33.9
338	11.2	27.908	-16.7 34.0 -16.7 9.	-16.8	-16.7 9. -16.8 34.2

13651

Sta.	Ground	Grade	E.	C	F.
345	12.8	27.810	-14.8 31.2 -14.9 9.	-14.7	-14.6 9. -14.7 31.0
+50	12.6	27.817	-15.0 31.5 -15.1 9.	-15.1	-15.0 9 -14.9 31.4
344	12.4	27.824	-15.0 31.5 -15.3 9.	-15.2	-15.2 9. -15.1 31.6
+50	12.4	27.831	-15.1 31.6 -15.2 9.	-15.3	-15.1 9. -15.5 32.2
343	12.4	27.838	-15.2 31.8 -15.3 9	-15.2	-15.2 9. -15.6 32.4
+50	12.5	27.845	-14.9 31.4 -15.2 9.	-15.2	-15.2 9. -15.5 32.2
342	12.6	27.852	-14.8 31.2 -15.3 9.	-15.3	-15.2 9. -15.3 32.0

13366

Sta.	Ground	Grade	L	C	R
349	14.2	27.754	-12.8 28.2	-13.5 9.	-13.4 -13.2 9. -12.9 28.4

BMM. El. 15.330 on blue 35' L. of Sta. 349 near fence

+50	13.9	27.761	-12.8 28.2	-13.6 9	-13.4	-13.2 9.	-12.9 28.4
348	14.3	27.768	-13.1 28.6	-13.4 9.	-13.2	-13.0 9.	-12.7 28.0
+50	14.1	27.775	-13.3 29.0	-13.6 9.	-13.4	-13.2 9.	-12.9 28.4

BM. El. 13.356. on R.R. Nut at S. end of Bridge 80' L. of 349+50

347	14.2	27.782	-13.4 29.1	-13.4 9.	-13.3	-13.2 9.	-13.2 28.8
+50	13.7	27.789	-13.7 29.6	-13.6 9.	-13.4	-13.2 9.	-13.2 28.8
346	13.3	27.796	-14.3 30.4	-14.2 9.	-14.3	-14.1 9.	-14.3 30.4
+50	12.7	27.803	-14.6 30.9	-14.8 9.	-14.7	-14.5 9.	-14.7 31.0

1367

Sta.	Ground	Grade	L.	C.	R.
352	15.4	27.712	-13.0 -13.2 -13.8 -14.0 -12.3 -12.3 -13.6 -12.6 28.5 27. 9. 7. 4. 9. 27.9		
351 + 66.8 = 351 + 64.2		47.4	Short Station		
+50	15.1	27.719	-13.9 -14.0 -13.6 -12.6 -12.9 -13.7 29.9 12. 9. 9 28.0		

BM. 15.745. on plug 35' Left of 351 + 65

351	14.9	27.726	-14.3 -14.3 -12.4 -12.4 -12.8 -13.0 -12.8 30.4 17. 12.8 9 9. 28.2		
+50	14.3	27.733	-14.2 -14.3 -12.6 -13.0 -13.3 -13.4 -13.1 30.3 24. 16. 9. 9 28.6		
350	14.5	27.740	-14.5 -14.3 -12.8 -13.1 -13.3 -13.4 -13.0 30.8 26.5 19. 9. 9. 28.5		
+50	14.2	27.747	-13.9 -12.9 -13.4 -13.4 -13.4 -13.0 29.9 26. 9. 9. 28.5		

1368

Sta.	Ground	Grade		Tr.	Cl.	Tr.			
			RB 18.5 on left						
355	20.7	17.3	27.666	-13.7	-11.6	-11.7	-10.3	-9.4	-5.5
				39.0	36.9	9.		9.	17.2
354	14.6								(Destroyed)
			RB 16.5 on left						
+95.7	14.5	27.671		-13.9	-13.0	-12.1	-13.2	-11.0	-7.8
				36.6	31.0	9.		9.	20.7
BM. Elev.	17.640		on hub 60 Ft. Rt. of 354+95.7						
			RB 15.0 on left						
+65.7	14.4	27.675		-13.5	-12.6	-12.4	-13.2	-13.0	-12.5	-8.8
				32.1	26.	9.		9	14.0	22.2
			RB 10.5 on left							
+35.7	BC. 15.5	27.679		-12.9	-12.1	-13.3	-12.2	-12.9	-13.1	-12.3	-10.0
				24.9	27.2	9.		6.	9.	16.	24.0
			HB								
354 HB to Siding on Left	14.5	27.684	To Siding		-12.0	-12.8	-13.2	-13.1	-11.6	-12.0
					27.0	9.		9.	14.0	27.0

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+50	13.9	27.697		13.1	13.1	13.8	13.5	11.8	11.5	12.0	12.9
				27.0	14.	9		5.	9.	10.	14.	28.1
353	14.2	27.698		-11.8	-12.1	-13.4	-14.0	-13.5	-11.3	-11.7	-13.0
				26.7	20.	9.	3.		6.	9.	28.5
+50	15.5	27.705		-12.1	-12.2	-13.4	-13.5	-12.2	-11.7	-12.2	-12.7
				27.2	23.	9.	3		2.	9.	28.0

1369

Sta.	Ground	Grade	L.			O.		R.	
+ 95.7	14.0	27.629	-14.4	-12.9	-13.1	-13.5	-7.8	-9.7	
			43.6	26.5	9.		9.	15.3	
+ 65.7	14.7	27.633	-14.2	-12.8	-12.9	-13.2	-7.1	-3.6	
			43.3	26.5	9.		9.	14.4	
+ 35.7	14.9	27.637	-14.3	-12.8	-13.2	-12.6	-7.0	-3.6	
			43.4	27.	9.		9.	14.4	
337 + 05.7	15.8	27.641	-14.2	-12.5	-12.9	-11.7	-5.6	-2.9	
			43.3	27.8	9.		9.	13.4	
+ 75.7	17.3	27.645	-14.1	-11.6	-12.4	-10.2	-5.0	-1.9	
			43.2	26.4	9.		9.	11.9	
+ 45.7	17.0	27.650	-15.6	-12.4	-11.2	-12.0	-10.5	-6.1	-3.2
			45.4	34.	25.8	9.		9.	13.8
T.P. 18.176									
336 + 15.7	17.1	27.654	-15.1	-14.3	-12.0	11.0	-11.8	-10.5	-10.2	-8.8	-5.8
			44.6	39.	32.5	25.5	9.		7.5	9.	17.0
+ 85.7	17.0	27.658	-15.6	-14.3	-12.8	-11.7	-10.6	-9.7	-6.1		
			45.4	31.	28.	9.		9.	18.2		
335 + 55.7	17.1	27.662	-14.6	-13.4	-11.8	-10.4	-8.5	-5.7			
			42.4	32.	9.		9.	17.6			

R.B. 20.51 on Left

22' RB on Left

1370

Sta. Ground Grade T. O. R.

Continued in Cross Section Book Sta 360 to Sta 504, page 18

B.M. 27.848. on Hub 19' Rt of 360+77

360	16.1	27.600	-13.8	-12.3	-12.7	-13.0	-11.9	-7.7	-4.2
			42.7	27.4	9.	9.		9.	15.3
+50	14.6	27.607	-13.9	-12.5	-12.9	-13.0	-12.5	-10.0	-4.9
			42.9	26.	9.		3.	9.	16.4
359+50.7 EC	14.1	27.612	-14.0	-12.9	-13.0	-12.9	-13.1	-10.0	-4.8
			43.0	27.	9.		2.	9.	16.2
+85.7	13.9	27.616	-13.9	-12.6	-13.0	-12.9	-9.0	-4.6	
			42.9	26.	9.		9.	15.9	
+55.7	15.8	27.620	-13.9	-12.6	-12.7	-12.8	-8.0	-2.1	
			42.9	26.	9.		9.	14.1	
358+25.7	14.1	27.624	-14.0	-12.8	-13.3	-13.5	-9.1	-4.7	
			43.0	25.5	9.		9.	16.0	

22' Rt B on Left

1371

Pages 50 To 51 Used In
Final Estimate Item No 7

1372

No. Ground Rods No. Pl. Sh.

8+72	Cent of Ch. Road						
+50		0.0 8.0	0.0			0.0 8.0	
		-2.8 12.4	-1.8			-2.8 12.2	
8		-1.6 10.4	-1.4			-1.3 10.0	
+50		-1.6 10.4	-1.4			-1.5 10.2	
	Level.	-4.6 14.9	-4.6			-4.5 14.8	
7	14.90						

1373

Sta.	Ground	Grade	L.	C	R.
7			-0.7 -0.6 -0.2 -1.8 -1.7 -0.3 -0.2 -0.2 10.0 9. 3.5 2. 1 9 9.3		
+50			-1.1 -1.1 -0.5 -2.6 -0.5 -0.8 -0.5 10.6 9. 2.5 . 2. 9 9.8		
6			-1.6 -1.6 -2.3 -2.6 -1.0 -0.2 -0.8 -0.8 11.4 10. 9. 7.5 6. 9 10.2		
+50.1		⊙ 15.50			
+50		15.523	-1.8 -1.9 -2.6 -2.5 0.0 0.0 -0.6 -0.6 11.7 11. 9. 6.5 3. 9. 9.9		
5		16.848	-3.3 -3.4 -1.6 -1.7 -2.2 -2.2 14.0 9 5 9. 12.3		
4+50		18.273	-5.1 -3.4 -3.6 -4.1 -3.7 16.6 9. 9. 14.6		
4+37.67.		19.095			
4		19.648	-4.7 -4.7 -4.5 -4.9 -5.0 -4.4 -3.1 16.0 14. 9. 6. 9. 13.6		
+50		21.023	-5.8 -6.2 -6.3 -6.2 -3.9 -1.7 -1.3 -1.3 17.7 16. 9. 6. 6. 9. 11.0		
+16.21					
3		22.398	-7.3 -7.2 -2.4 -1.1 -1.1 -1.0 -1.0 20.0 18.5 9. 4. 9. 10.5		
+50		23.773	-1.1 -1.1 -1.0 -0.8 0.0 +1.1 10.6 9. 4. 7.5 11.1		
2		25.148	-0.9 -0.8 0.0 +1.0 +4.7 10.4 9. 5. 10.5		
+50		26.523	-0.6 -0.6 0.0 0.0 9.9 9		
1+13		⊙ 27.541	-1.0 -1.0 0.0 10.5 9.		
0+50			0.0 0.0 0.0		

Level.

-2.75

13741

Sta.	Ground	Grade	To	C	H.
13		27.464			
12 + 72		27.466			
12 + 50		26.733			
12		25.066			
		+3.333			
+ 50		23.400	0.0 9.0	+3.9	+4.1 10. +4.1 14.1
11		21.734	-6.3 -6.0 -7.6 0.0 +2.1 +3.7 +4.1 18.4 16. 9. 4.0 4.5 14.0		
+ 50		20.068	-5.0 -3.8 -1.5 0.0 16.5 9. 4.5		
10		18.402	-3.9 -3.8 -4.0 -3.8 -2.3 -1.2 14.9 9. 3. 9. 10.8		
+ 50		16.735	-2.6 -2.4 -2.4 -2.4 -2.2 12.9 9. 9. 12.3		
+ 13		15.50			
9		15.50	-0.9 -1.0 -1.0 -0.5 -0.4 10.4 9. 9. 9.6		
8 + 50			-0.5 -0.2 -0.8 -0.9 -0.9 9.8 9. 9 10.4		
8			-1.7 -2.6 -1.0 -0.8 -0.7 -0.7 11.6 9 6 9 10.0		
7 + 50			-1.1 -1.0 -2.6 -2.6 -1.0 -0.6 -0.4 -0.4 10.6 9. 7 5 3. 9. 9.6		

Level. Level.

13755

P/o	Ground Grade	L.	C.	R.	
229+50		-19.1 -18.3 -15.0 -0.8 -0.8 -0.8 -16.2 -19.2 44. 37.8 31.5 10.8 10.2 34 38.5			
307+50		-17.6 -14.2 -0.4 0.0 -0.6 -13.2 -14.4 -16.0 -17.3 35.9 28.9 10.1 10.1 29.5 29.8 32.8 35.2			
317+50	grade 35.5	-16.1 -14.3 -12.9 -0.3 0.0 -0.2 -13.2 -14.2 -16.1 34.4 28.6 28. 10. 10.5 30.9 31.4 35.4			

13761